



Alberta Oil Sands Plant Statistics

Monthly Supplement

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ENERGY RESOURCES CONSERVATION BOARD
STATISTICAL SERIES

ALBERTA OIL SANDS PLANT STATISTICS
MONTHLY SUPPLEMENT

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NOTE: INQUIRIES REGARDING THIS PUBLICATION
SHOULD BE DIRECTED TO THE BOARD'S
STATISTICS DEPARTMENT AT (403) 297-2537



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STANDARDS OF MEASUREMENTS

1. GRADE: MASS PER CENT BITUMEN IN OIL SANDS.
2. GAS VOLUME AT 101.325 kPa AND 15 °C.
3. LIQUID VOLUME AT 15 °C.

NOTES

- (A) DISTILLATE PRODUCTION DOES NOT INCLUDE HEAVY FUEL OIL.
- (B) SULPHUR PRODUCTION INCLUDES FLARED/WASTE.
- (C) SYNTHETIC CRUDE OIL PRODUCTION DOES NOT INCLUDE DILUENT NAPHTHA PRODUCTION, SUNCOR INCLUDES DIESEL PRODUCTION (SCO SITE FUEL USES).
- (D) OTHER HYDROCARBONS PRODUCTION INCLUDES LIGHT SLOP MATERIAL.

1992

Year
March

Month

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	3 905 504	11.94
Processed	3 905 504	11.94
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	17 084.2	4.5
Generated	0.0	46.3
	17 084.2	50.8
Plant Use	4 207.6	50.8
Further Processing	11 260.2	0.0
Flared	1 616.5	0.0
Metering Difference	(0.1)	0.0
	17 084.2	50.8

**Synchrude
Oil Sands**

	Tonnes	Grade
Mined	8 572 095	10.22
Processed	10 020 000	10.70
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	76 295.0	21.2
Generated	0.0	97.6
	76 295.0	118.8
Plant Use	31 366.0	118.8
Further Processing	44 929.0	0.0
Flared	0.0	0.0
Metering Difference	0.0	0.0
	76 295.0	118.8

Bitumen Synthetic Plant Operations

2

					1992	March
					Year	Month
Operator	Products				Intermediates	
	Synthetic Crude Oil	Other Hydro -Carbons	Coke	Sulphur	Bitumen	Distillate
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor						
		Diluent Naphtha				
Open. Inv.	76 815.5	39 918.7	3 424 125	126 688	40 092.2	9 093.5
Production	333 162.8 (C)	9 836.7 (D)	100 275	13 653 (B)	415 399.3	356 169.7 (A)
Fr. Syncrude	0.0	0.0	0	0	0.0	0.0
Fr. Other	0.0	0.0	0	0	0.0	0.0
Clos. Inv.	77 687.1	46 831.7	3 076 265	126 688	26 239.9	20 759.5
	332 291.2	2 923.7	448 135	13 653	429 251.6	344 503.7
Further						
Processing	0.0	0.0	0	0	429 251.7	344 340.8
Fuel	4 483.3	0.0	72 683	0	0.0	136.0
Flared/Wast	0.0	2 923.6	0	633	0.0	0.0
Met. Diff.	207.1	0.1	375 452	0	(0.1)	26.9
Deliveries	327 600.8	0.0	0	13 020	0.0	0.0
	332 291.2	2 923.7	448 135	13 653	429 251.6	344 503.7
Syncrude						
		Diluent Naphtha				
Open. Inv.	55 958	71 948	11 342 315	10 839	418 236	212 465
Fr. Other	0	0	0	0	0	0
Production	946 433 (C)	13 812 (D)	125 924	39 649 (B)	1 056 439	911 741 (A)
Clos. Inv.	39 620	80 003	11 468 239	10 654	409 037	174 371
	962 771	5 757	0	39 834	1 065 638	949 835
Further						
Processing	0	0	0	0	1 092 444	935 805
Fuel	7 255	0	0	0	0	0
Flared/Wast	0	5 757	0	0	0	0
Met. Diff.	29	0	0	0	(1)	14 030
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	955 487	0	0	39 834	(26 805)	0
	962 771	5 757	0	39 834	1 065 638	949 835

			1992		March
			Year to Date		
Suncor Oil Sands			Syncrude Oil Sands		
	Tonnes	Grade		Tonnes	Grade
Mined	10 561 520	12.12	Mined	28 581 182	10.47
Processed	10 561 520	12.12	Processed	29 485 451	10.50
External Energy			External Energy		
	Gas	Electric		Gas	Electric
	3 3			3 3	
	10 m	GWh		10 m	GWh
Purchased	50 215.0	23.1	Purchased	273 428.0	54.2
Generated	0.0	123.2	Generated	0.0	332.3
	50 215.0	146.3		273 428.0	386.5
Plant Use	16 508.3	146.3	Plant Use	114 184.0	386.5
Further			Further		
Processing	28 467.9	0.0	Processing	159 244.0	0.0
Flared	5 238.9	0.0	Flared	0.0	0.0
Metering			Metering		
Difference	(0.1)	0.0	Difference	0.0	0.0
	50 215.0	146.3		273 428.0	386.5

Bitumen Synthetic Plant Operations

4

					1992	March
					Year to Date	
Operator	Products				Intermediates	
	Synthetic Crude Oil	Other Hydro -Carbons	Coke	Sulphur	Bitumen	Distillate
	3 m	3 m	tonnes	tonnes	3 m	3 m
Suncor						
		Diluent Naphtha				
Open. Inv.	69 263.6	47 568.8	3 383 324	126 143	46 118.4	6 044.0
Production	942 415.4 (C)	9 902.3 (D)	274 687	38 536 (B)	1 155 985.4	990 154.4 (A)
Fr. Syncrude	0.0	0.0	0	0	0.0	0.0
Fr. Other	0.0	0.0	0	0	0.0	0.0
Clos. Inv.	77 687.1	46 831.7	3 076 265	126 688	26 239.9	20 759.5
	933 991.9	10 639.4	581 746	37 991	1 175 863.9	975 438.9
Further						
Processing	0.0	0.0	0	0	1 175 864.0	975 299.5
Fuel	12 698.0	0.0	206 294	0	0.0	136.0
Flared/Wast	0.0	10 639.3	0	1 590	0.0	0.0
Met. Diff.	325.6	0.1	375 452	(1)	(0.1)	3.4
Deliveries	920 968.3	0.0	0	36 402	0.0	0.0
	933 991.9	10 639.4	581 746	37 991	1 175 863.9	975 438.9
Syncrude						
		Diluent Naphtha				
Open. Inv.	45 770	69 251	11 107 805	9 713	455 245	97 276
Fr. Suncor	0	0	0	0	0	0
Production	2 543 219 (C)	25 853 (D)	360 434	108 747 (B)	2 997 548	2 619 043 (A)
Clos. Inv.	39 620	80 003	11 468 239	10 654	409 037	174 371
	2 549 369	15 101	0	107 806	3 043 756	2 541 948
Further						
Processing	0	0	0	0	3 133 836	2 499 015
Fuel	19 686	0	0	0	0	0
Flared/Wast	0	15 100	0	0	0	0
Met. Diff.	11	1	0	0	(2)	42 933
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	2 529 672	0	0	107 806	(90 078)	0
	2 549 369	15 101	0	107 806	3 043 756	2 541 948



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Suncor Inc. and Syncrude Canada Ltd.

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Note: Inquiries regarding this publication
should be directed to the Board's
Statistics Department at (403) 297-2537.

STANDARDS OF MEASUREMENTS

1. Grade: Mass per cent Bitumen in Oil Sands.
2. Gas volume at 101.325 kpa and 15 C.^o
3. Liquid Volume at 15 C.^o

NOTES

- (A) Distillate Production does not include heavy fuel oil.
- (B) Sulphur Production includes flared/waste.
- (C) Synthetic Crude Oil production does not include diluent Naphtha production, Suncor includes diesel production (SCO site fuel uses.)
- (D) Other hydrocarbons production includes light slop material.

			1992		April
			Year		Month
Suncor Oil Sands			Syncrude Oil Sands		
	Tonnes	Grade		Tonnes	Grade
Mined	3 198 647	10.50	Mined	7 827 599	11.37
Processed	3 198 551	10.50	Processed	8 100 122	10.92
External Energy			External Energy		
	Gas	Electric		Gas	Electric
	3 3			3 3	
	10 m	GWh		10 m	GWh
Purchased	15 780.6	36.8	Purchased	94 693.0	97.3
Generated	0.0	5.4	Generated	0.0	17.8
	15 780.6	42.2		94 693.0	115.1
Plant Use	9 291.6	42.2	Plant Use	45 032.0	115.1
Further			Further		
Processing	5 125.9	0.0	Processing	49 661.0	0.0
Flared	1 363.1	0.0	Flared	0.0	0.0
Metering			Metering		
Difference	0.0	0.0	Difference	0.0	0.0
	15 780.6	42.2		94 693.0	115.1

Operator	Products				1992		April
					Year		Month
					Intermediates		
	Synthetic Crude Oil	Other Hydro -Carbons	Coke	Sulphur	Bitumen	Distillate	
	3	3			3	3	
	m	m	tonnes	tonnes	m	m	
Suncor							
		Diluent Naphtha					
Open. Inv.	77 687.1	46 831.7	3 076 265	126 688	26 239.9	20 759.5	
Production	156 513.8 (C)	(1 071.8) (D)	61 693	5 871 (B)	274 880.4	225 209.2 (A)	
Clos. Inv.	120 859.5	43 204.0	3 079 203	126 688	37 028.7	72 635.9	
	113 341.4	2 555.9	58 755	5 871	264 091.6	173 332.8	
Further Processing	0.0	0.0	0	0	264 091.6	162 782.5	
Fuel	4 071.8	0.0	58 755	0	0.0	3 486.0	
Flared/Waste	0.0	2 555.9	0	380	0.0	0.0	
Met. Diff.	(1 471.8)	0.0	0	0	0.0	60.8	
Deliveries	110 741.4	0.0	0	5 491	0.0	7 003.5	
	113 341.4	2 555.9	58 755	5 871	264 091.6	173 332.8	
Syncrude							
		Diluent Naphtha					
Open. Inv.	39 620	80 003	11 468 239	10 654	409 037	174 371	
Fr. Other	0	0	0	0	16 172	0	
Production	780 819 (C)	(627) (D)	95 053	30 979 (B)	805 841	649 459 (A)	
Clos. Inv.	14 240	74 636	11 563 292	10 330	445 552	98 342	
	806 199	4 740	0	31 303	785 498	725 488	
Further Processing	0	0	0	0	785 498	765 839	
Fuel	6 233	0	0	0	0	0	
Flared/Waste	0	4 740	0	0	0	0	
Met. Diff.	46	0	0	0	0	(40 351)	
Diluent Carryover /Rerun	0	0	0	0	0	0	
To Suncor	0	0	0	0	0	0	
Deliveries	799 920	0	0	31 303	0	0	
	806 199	4 740	0	31 303	785 498	725 488	

			1992			April		
			Year to Date					
Suncor Oil Sands						Synchrude Oil Sands		
	Tonnes	Grade		Tonnes	Grade		Tonnes	Grade
Mined	13 760 167	11.74	Mined	38 469 580	10.92			
Processed	13 760 071	11.74	Processed	38 336 307	10.89			
External Energy						External Energy		
	Gas	Electric		Gas	Electric		Gas	Electric
	3 3			3 3			3 3	
	10 m	GWh		10 m	GWh		10 m	GWh
Purchased	65 995.6	59.9	Purchased	390 153.0	157.4			
Generated	0.0	128.6	Generated	0.0	366.5			
	65 995.6	188.5		390 153.0	523.9			
Plant Use	25 799.9	188.5	Plant Use	161 559.0	523.9			
Further			Further					
Processing	33 593.8	0.0	Processing	228 594.0	0.0			
Flared	6 602.0	0.0	Flared	0.0	0.0			
Metering			Metering					
Difference	(0.1)	0.0	Difference	0.0	0.0			
	65 995.6	188.5		390 153.0	523.9			

						1992	April
						Year to Date	
Operator	Products					Intermediates	
	Synthetic Crude Oil	Other Hydro -Carbons	Coke	Sulphur	Bitumen	Distillate	
	3 m	3 m	tonnes	tonnes	3 m	3 m	
Suncor		Diluent Naphtha					
Open. Inv.	69 263.6	47 568.8	3 383 324	126 143	46 118.4	6 044.0	
Production	1 098 929.2 (C)	8 830.5 (D)	336 380	44 407 (B)	1 430 865.8	1 215 363.6 (A)	
Clos. Inv.	120 859.5	43 204.0	3 079 203	126 688	37 028.7	72 635.9	
	1 047 333.3	13 195.3	640 501	43 862	1 439 955.5	1 148 771.7	
Further Processing	0.0	0.0	0	0	1 439 955.6	1 138 082.0	
Fuel	16 769.8	0.0	265 049	0	0.0	3 622.0	
Flared/Waste	0.0	13 195.2	0	1 970	0.0	0.0	
Met. Diff.	(1 146.2)	0.1	375 452	(1)	(0.1)	64.2	
Deliveries	1 031 709.7	0.0	0	41 893	0.0	7 003.5	
	1 047 333.3	13 195.3	640 501	43 862	1 439 955.5	1 148 771.7	
Syncrude		Diluent Naphtha					
Open. Inv.	45 770	69 251	0 11 107 805	9 713	0 455 245	97 276	
Fr. Other	0	0	0	0	106 250	0	
Production	3 324 038 (C)	25 226 (D)	455 487	139 726 (B)	3 803 389	3 268 502 (A)	
Clos. Inv.	14 240	74 636	11 563 292	10 330	445 552	98 342	
	3 355 568	19 841	0	139 109	3 919 332	3 267 436	
Further Processing	0	0	0	0	3 919 334	3 264 854	
Fuel	25 919	0	0	0	0	0	
Flared/Waste	0	19 840	0	0	0	0	
Met. Diff.	57	1	0	0	(2)	2 582	
Diluent Carryover /Rerun	0	0	0	0	0	0	
To Suncor	0	0	0	0	0	0	
Deliveries	3 329 592	0	0	139 109	0	0	
	3 355 568	19 841	0	139 109	3 919 332	3 267 436	

